Who did what?

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| Name | Tasks |
| Barath Kumar | 1.3 - Update professor information.  Made the scenario and test cases for the scenario.  Made a page for the system that enables the user to search for and select a Professor and update their information successfully onto the database. |
| Filza Tahir | 1.0, 1.1, 1.2 - Add professor information.  Made the scenario and test cases for the scenario.  Made a page for the system that enables the user to add a new professor into the database.  Still have to include some fields to the form and having some issue persisting information to the data base. |
| Nitin Prakash | 1.4, 1.5 - Add credentials and Update credentials to the system.  Made the scenario and test cases for the corresponding scenarios.  Made the interface that the user will use to add and update credentials to the database.  Having minor issue with persisting data to the database some times. |

Scenarios and test cases for the part of the system being built for BTS 530

### 1.0 Scenario: Add Professor Information

In this scenario the Chair or the Support Staff is logged into the system using their credentials and trying to add information for a current Professor or a future professor. The current Professor can be a new Professor who has been employed or a first time input for an already existing professor.

Precondition: Chair or Support staff has been authenticated

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| Actor (Chair, Support staff) | System |
| Requests to add professor | Shows fields that are required— Professor first name and last name, location(s) (Newnham or York), credentials, major, professional experience. |
| Enters Professor first name and last name, location(s) (Newnham or York), professional experience and selects credentials, major. | Creates a professor record. Saves. |

### 1.1 Scenario: Set Work Status (Active/Inactive)

In this scenario the Chair or the Support Staff is logged into the system using their credentials and trying to set the Work Status (active or inactive) for a Professor whose information has already been entered.

This scenario is prompted to the user after the Add Professor information scenario.

Preconditions: Add Professor Information has been executed

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| Actor (Chair, Support staff) | System |
| Selects to set Work status. | Shows options - Active and Inactive. |
| Sets Work status as “Active” or “Inactive” | Saves the new information. |

### 1.2 Scenario: Set Term Status ( Part time, full time, partial load, Sessional).

In this scenario the Chair or the Support Staff is logged into the system using their credentials and are trying to set the Term Status for a professor whose information has already been entered.  
This scenario is prompted to the user after the Add professor information scenario.

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| Actor (Chair, Support staff) | System |
| Selects to set Term status. | Shows options - Part time, full time, partial load, sessional. |
| Sets term status. | Saves the new information. |

### Test case : Add Professor Information,

### Set Work Status (Active/Inactive),

### Set Term Status ( Part time, full time, partial load, Sessional).

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| **Test Case** | **Notes** | **Check for accurate results** |
| System displays form to be filled with employee’s information; First name, last name, location, credentials, major, professional experience. |  | * Make sure all the required fields are being displayed. |
| System creates a new professor. |  | * Make sure the new professor is added to the database. * Make sure all the new information related to the new professor is saved to the database correctly. |
| Setting the work status (active/inactive). |  | * Make sure the selected option is the one the user actually selected. * Make sure the necessary change/update has been saved on the database correctly and for the right professor. |
| Set the term status (full time, part time, partial load, or sessional). |  | * Make sure the selected option is the one the user actually selected. * Make sure the necessary change/update has been saved on the database correctly and for the right professor. |

### 1.3 Scenario: Update Professor Information as chair

In this scenario the chair is logged into the system using their credentials and trying to update information. A current Professor is only allowed to update their Work experience and Qualifications. Qualifications include degree and certifications.

Precondition: View Professor Information has been executed

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| Actor (Current Professor) | System |
| Requests to update information | Shows fields that are available for update. Professor first name and last name, location(s) (Newnham or York), credentials, major, professional experience. |
| Updates existing information and confirms changes | Saves the changes and displays confirmation. |

### Test case: Update Professor Information as chair

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| **Test Case** | **Notes** | **Check for accurate results** |
| Shows all available professors |  | * Verify if all available professors are shown from the database |
| Update professor successfully—first name updated |  | * View professor to see if his/her first name was updated correctly. |
| Update professor successfully—last name updated |  | * View professor to see if his/her last name was updated correctly. |
| Update professor successfully—location updated |  | * View professor to see if his/her location was updated correctly. |
| Update professor successfully—work status updated |  | * View professor to see if his/her work status was updated correctly. |
| Update professor successfully—term status updated |  | * View professor to see if his/her term status was updated correctly. |
| Update professor successfully—professional experience updated |  | * View professor to see if his/her professional experience was updated correctly. |
| Update professor successfully—credentials updated |  | * View professor to see if his/her credentials was updated correctly. |
| Update professor successfully—major updated |  | * View professor to see if his/her major was updated correctly. |
| Update professor successfully—all fields updated | All fields updated in one go. | * View professor to see if all of his/her details were updated correctly. |
| Shows all required fields |  | * Check if all the required fields are shown |

### 1.4 Scenario: Add Credential

In this scenario the Manager or the support staff is logged into the system using their log in credentials and want to add a new credential to the list of credentials already available on the system.

Precondition: Chair or Support staff has logged in.

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| Actor (Chair, Support staff) | System |
| Requests to add a credential | Shows required fields i.e. Name of credential, credential code, description, type |
| Enters name of credential and credential code, description, type. | Updates list of credentials on system and displays as added. |

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| **Test Case** | **Notes** | **Check for accurate results** |
| System shows all required fields |  | * Check if all the fields related to credentials are being displayed correctly. |
| Update list of credentials |  | * Verify if the new credential has been saved into the database and can be seen and selected on the system interface. * Check if all the information that was added for the credential is saved correctly. |

## Test case : Add Credential

### 1.5 Scenario: Update Credential

In this scenario the Manager or the support staff is logged into the system using their log in credentials and want to update a certain credential from the list of credentials already available on the system.

Precondition: Chair or support staff has logged in.

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| Actor (Chair, Support staff) | System |
| Requests list of credentials | Shows list of credentials with credential name and credential code. |
| Selects credential for updating. | Shows required fields i.e. Name of credential, credential code, description, type |
| Enters updated information. Saves. | Updates list of credentials with new name and code, description, type. Saves. |

## Test Case: Update Credential

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| **Test Case** | **Notes** | **Check for accurate results** |
| System shows list of credentials to choose from for updating |  | * Check if the system displays all the credentials that are available in the database. |
| Select credential.  Shows all fields. |  | * Verify if the correct credential is selected and the field information displayed belong to the selected credential. |
| Update credential. |  | * Check if the updated information for the selected credential has been saved correctly on the database. * Verify that only the updated field have been changed in the database and for the correct credential. |